

**IN THE CLAIMS:**

Page 14, before claim 1, insert the following new paragraph:

(New)        What is claimed is:

This following list of claims will replace all prior versions of claims in the above-identified application:

**List of Claims**

Claims 1 through 24.    (Cancelled)

Claim 25.    (New)        A self-contained electrical appliance alarm device for monitoring the electrical supply status of the electrical appliance, the device being connectable in the electrical supply line from the mains to the appliance, wherein the device is operable to provide an audible and/or visible alarm signal if the electrical supply to the appliance is interrupted after connection, and is operable in the absence of an internal power source or battery.

Claim 26. (New) The self-contained alarm device as claimed in Claim 25, in which the device is operable to store energy from the mains when connected thereto and to use the stored energy to provide the alarm signal for a limited time after interruption of the mains electrical supply.

Claim 27. (New) The self-contained alarm device according to Claim 25, characterized in that it is formed as a adaptor with pins for insertion into a socket and having socket connections for receiving the pins of a connector plug of the monitored appliance.

Claim 28. (New) The self-contained alarm device according to Claim 26, characterized in that it is formed as a adaptor with pins for insertion into a socket and having socket connections for receiving the pins of a connector plug of the monitored appliance.

Claim 29. (New) The self-contained alarm device according to Claim 25, characterized in that it is incorporated into a plug for connection to a mains supply socket.

- Claim 30. (New) The self-contained alarm device according to Claim 25, characterized in that there are provided means for detecting an open-circuit condition of a monitored supply line.
- Claim 31. (New) The self-contained alarm device according to Claim 25, characterized in that it includes a delay timer for delaying operation of an output device triggering the alarm indication for a pre-determined delay period after detection thereof.
- Claim 32. (New) The self-contained alarm device according to Claim 31, characterized in that said output device is a relay.
- Claim 33. (New) The self-contained alarm device according to Claim 25, characterized in that it has a capacitor which is maintained charged when the supply is present and which is arranged to discharge when the supply is removed.
- Claim 34. (New) The self-contained alarm device according to Claim 25, characterized in that the open circuit condition is detected by sensing a reversal in the polarity of a voltage differential across a resistive element.

Claim 35. (New) The self-contained alarm device according to Claim 33, characterized in that the said capacitor provides the power for an audible and/or visible alarm indicator upon the occurrence of an alarm condition.

Claim 36. (New) The self-contained alarm device according to Claim 34, characterized in that the said capacitor provides the power for an audible and/or visible alarm indicator upon the occurrence of an alarm condition.

Claim 37. (New) The self-contained alarm device according to Claim 35, characterized in that the alarm indicator device is supplied intermittently when a power failure is detected, whereby to give the alarm indication.

Claim 38. (New) The self-contained alarm device according to Claim 37, characterized in that the mark-to-space ratio of the alarm signal is determined by the ratio of the values of two series-connected resistors in the input circuit of a timer.

Claim 39. (New) The self-contained alarm device according to Claim 33, characterized in that a secondary output from the power supply is applied to the timer circuit to maintain it in a quiescent condition as long as the power is supplied to the circuit.

Claim 40. (New) An electrical appliance alarm device for connection to the electrical supply line from the mains to the appliance, the device being adapted for incorporation into the electrical appliance, wherein the device is operable to monitor the electrical supply status of the electrical supply line and to provide an audible and/or visible alarm signal if the electrical supply to the appliance is interrupted after connection, and is operable in the absence of an internal power source or battery.

Claim 41. (New) The alarm device as claimed in Claim 40, in which the device is operable to store energy from the mains when connected thereto and to use the stored energy to provide the alarm signal for a limited time after interruption of the mains electrical supply.

Claim 42. (New) The alarm device according to Claim 40,  
characterized in that there are provided means for detecting an  
open-circuit condition of a monitored supply line.

Claim 43. (New) The alarm device according to Claim 41,  
characterized in that there are provided means for detecting an  
open-circuit condition of a monitored supply line.

Claim 44. (New) The alarm device according to Claim 40,  
characterized in that it includes, a delay timer for delaying  
operation of an output device triggering the alarm indication for  
a pre-determined delay period after detection thereof.

Claim 45. (New) The alarm device according to Claim 42,  
characterized in that it includes, a delay timer for delaying  
operation of an output device triggering the alarm indication for  
a pre-determined delay period after detection thereof.

Claim 46. (New) The alarm device according to Claim 44,  
characterized in that the delay timer is adjustable.

- Claim 47. (New) The alarm device according to Claim 44,  
characterized in that the said output device is a relay.
- Claim 48. (New) The alarm device according to Claim 46,  
characterized in that the said output device is a relay.
- Claim 49. (New) The alarm device according to Claim 40,  
characterized in that it has a capacitor which is maintained  
charged when the supply is present and which is arranged to  
discharge when the supply is removed.
- Claim 50. (New) The alarm device according to Claim 42,  
characterized in that the open circuit condition is detected by  
sensing a reversal in the polarity of a voltage differential across  
a resistance element.
- Claim 51. (New) The alarm device according to Claim 49,  
characterized in that the said capacitor provides the power for an  
audible and/or visible alarm indicator upon the occurrence of an  
alarm condition.

Claim 52. (New) The alarm device according to Claim 50, characterized in that the said capacitor provides the power for an audible and/or visible alarm indicator upon the occurrence of an alarm condition.

Claim 53. (New) The alarm device according to Claim 40, characterized in that in operation when a power failure is detected the alarm indicator device is supplied intermittently to give the alarm indication.

Claim 54. (New) The alarm device according to Claim 53, characterized in that the mark-to-space ratio of the alarm signal is determined by the ratio of the values of two series-connected resistors in the input circuit of a timer.

Claim 55. (New) The alarm device according to Claim 44, characterized in that a secondary output from the power supply is applied to the timer circuit to maintain it in a quiescent condition as long as the power is supplied to the circuit.



**IN THE ABSTRACT:**

Below is the marked-up Abstract of the Disclosure, and a clean copy is attached as the last page of this amendment

**ABSTRACT OF THE DISCLOSURE**

**~~A SELF-CONTAINED MONITORING CIRCUIT AND AN ELECTRICAL~~  
~~APPLIANCE INCORPORATING SUCH CIRCUIT~~**

A self-contained alarm device for monitoring the supply status of a monitored electrical appliance for connection in the supply line from the network to the appliance—characterised characterized in that it has no internal power source or battery and is operable to provide an audible and/or visible alarm signal if the electrical power to the appliance is interrupted after connection.